

Client's ref.: 91210

Our ref.: 0548-9815-USf/yianhou/kevin

#### **ABSTRACT OF THE DISCLOSURE**

An exposure system. The exposure system includes a compensation unit and an exposure device. The compensation unit receives at least one adjustment value of a corresponding equipment parameter, and compensates a corresponding overlay parameter according to the adjustment value and an adjustment formula corresponding to the equipment parameter. The exposure device performs overlay and exposure processes on a wafer using the compensated overlay parameter.